

Town of Truckee
Trout Creek Restoration (Reaches 4 & 5)

Attachment 1: Authorization and Eligibility Requirements

Authorizing Documentation:

The Town of Truckee is authorized to apply for California Department of Water Resources' (DWR) Integrated Regional Water Management Grant Program for Stormwater Flood Management (SWFM) grant funds, funded by Proposition 1E. Included in this attachment is Resolution No. 2011-14 adopted by the Town Council, Town of Truckee on April 7, 2011.

Eligible Applicant Documentation:

The Town of Truckee is a municipal corporation of the State of California. The Town has the legal authority to enter into funding contracts with the State of California.

GWMP Compliance:

This project is not a groundwater management or re-charge project.

Consistency with an adopted IRWM Plan:

The Town of Truckee is an active and participating partner in the Tahoe Sierra IRWM Plan. Table G.1 of the Tahoe Sierra IRWM Plan list priority projects selected for geographic scopes; ability to achieve multiple benefits, obtain objectives and meet statewide priorities and strength of partnership commitments. The Trout Creek (Truckee) Flood Control and Restoration project is the number one priority.

The project is consistent with goals/objectives of the Tahoe Sierra IRWM Plan including:

- *WQ5. Restore degraded streams and wetlands to re-establish natural water filtering processes.* The project will replace degraded wetlands with wetlands that provide habitat. Project includes removal of a concrete channel in Reach 1.
- *WQ6. Increase public awareness of regional water quality issues and their role in improving the quality of local water bodies.* The project includes a public outreach component. In addition, a portion of the creek travels through Downtown Truckee and so the restoration will be seen by visitors and residents.
- *ER1. Enhance and restore degraded stream environment zones (SEZs) to support healthy and viable native fish populations.* The project is designed to create fish habitat by providing cover habitat for aquatic organisms by incorporating large structural elements such as woody material and large boulders.
- *ER2. Restore wetlands and natural biogeochemical cycles.* The project will improve the existing wetlands by creating better habitat and improved sediment deposition.
- *ER3. Educate public about ecosystem services provided by healthy wetlands and SEZs.* The creek restoration will include portions of the creek that are in Downtown Truckee and so it will be highly visible to the public. It will also begin at the Trout Creek Pocket

Park, which is currently under development through collaboration between the Town of Truckee and the Mountain Area Preservation Foundation. Trout Creek has and will continue to be included as a project area in Truckee River Day.

Relationship to Tahoe Sierra IRWMP Resource Management Strategies:

- Ecosystem Restoration - The project will improve the Trout Creek ecosystem by restoring its natural function. This will be accomplished by creating habitat, slowing the flows, and improving sediment deposition.
- Environmental and Habitat Protection and Improvement - The project will restore the creek and create improved fish and riparian habitat.
- Flood Management - Trout Creek does not currently contain the 100-year flow. During 100-year flow events, waters would overtop the banks of the creek and enter developed areas in Downtown Truckee and in the Union Pacific Railroad property, causing roadways, parking lots, and buildings to flood. The project would increase flood capacity such that 100-year floods would be contained in the creek channel.
- Recreation and Public Access - The creek would be accessible from Downtown Truckee. Reach 4 would potentially have a Class I bike path that parallels the creek, which would be developed as a part of the Railyard Master Plan.
- Stormwater Capture and Management - The project would include methods for collecting stormwater from Donner Pass Road and Glenshire. The primary approach to stormwater management is to restore stream function so that fine sediment is flushed through the system and is stored on floodplains via annual overbank events or is sorted via channel complexity and variability in flow fields.
- Water Quality Protection and Improvement - Restoring the natural function of the creek will improve its ability to remove sediment from the water.
- Wetlands Enhancement and Creation - The project will enhance the wetlands by creating improved vegetation, habitat, and hydrology. The completed project will include 2.35 acres of Perennial Creek (including wetlands) and 1.31 acres of Marsh.